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		<b>First Named Inventor</b>	<b>Andrei S. Dukhin</b>
		<b>Group Art Unit</b>	
		<b>Examiner Name</b>	
Sheet	of	<b>Attorney Docket Number</b>	

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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

of

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Application Number	
Filing Date	
First Named Inventor	Andrei S. Dukhin
Group Art Unit	
Examiner Name	
Attorney Docket Number	

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
<p>H.A. Stone, S. Kim "Microfluidics: Basis Issues, Applications and Challenges", AIChE Journal, vol. 47, 6, pp.1250-1254, 2001;</p> <p>D.R. Reyes, D. Iossifidis, P.A. Auroux, A. Manz "Micro Total Analysis Systems. Introduction, Theory and Technology", Anal. Chem, 74, 2623-2636, 2002;</p> <p>G.W. Whitesides, A.D. Stroock, "Flexible Methods for Microfluidics", Physics Today, 42-48, June 2001.</p> <p>A. Ajdari "Pumping liquids using asymmetric electrode arrays", Physical Review E, vol.61, 1, pp. 45-48, 2000,</p> <p>A.B.D. Brown, C.G. Smith, and A.R. Rennie "Pumping of water with ac electric fields applied to asymmetric pairs of microelectrdes", Physical Review E, vol.63, 016305, 2000.</p> <p>S.S. Dukhin, A.K. Vidybida, A.S. Dukhin and A.A. Serikov "Aperiodic Electrophoresis. Directed drift of dispersed particles in a uniform anharmonic alternating electric field", Kolloidnyi Zh., vo.49, 5, 752-755, 1988</p> <p>S.S. Dukhin, B.V. Derjaguin, "Electrokinetic Phenomena" in "Surface and Colloid Science", E. Matijevic (Ed.), John Wiley &amp; Sons, NY, v.7 (1974))</p> <p>J. Lyklema, "Fundamentals of Interface and Colloid Science", vol. 1-3, Academic Press, London-NY, (1995-2000)</p> <p>A.S. Dukhin "Biospecific mechanism of double layer formation and peculiarities of cell electrophoresis", Colloids and Surfaces A, 73, pp.29-48, 1993.</p> <p>S.S. Dukhin, V.N. Shilov "Dielectric phenomena and the double layer in dispersed systems and polyelectrolytes", John Wiley and Sons, NY, (1974)):</p>			

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